What is claimed is:

1. A linear guide apparatus comprising:

a guide rail having rolling grooves at two side portions thereof and extended in an axial direction; and

a slider having: rolling grooves opposed to the rolling grooves of the guide rail; a slider main body having a rolling element path; and an end cap having a rolling element circulating portion for communicating the two rolling grooves and the rolling element path and fixed to two end faces of the slider main body via screws, the slider relatively moving and being guided by the guide rail via rolling of a number of rolling elements inserted between the two rolling grooves,

wherein through holes for the screws are provided at at least four corners of the end cap and at least a portion of a face of the end cap for attaching to the end face of the slider main body is constituted by a projected curved face.

2. A linear guide apparatus as set forth in Claim 1, wherein an entire face of the face of the end cap is constituted by a projected curved face curved in a width direction of the slider main body.

3. A linear guide apparatus as set forth in Claim 1, wherein the portions of the screw through hole are constituted

by a plane and the other portion is constituted by the projected curved face.

4. A linear guide apparatus as set forth in Claim 1, wherein an entire face of the face of the end cap is constituted by a projected curved face curved in a height direction of the slider main body.